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Docket No.: SC66U-US
Customer No. 60723

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Ralph R. Binetti, et al.
Serial No. : 10/738,413 Group Art Unit: 1635
Filed : December 17, 2003 Examiner: Bowman, Amy Hudson
For : si-RNA-MEDIATED GENE SILENCING TECHNOLOGY TO INHIBIT
TYROSINASE AND REDUCE PIGMENTATION

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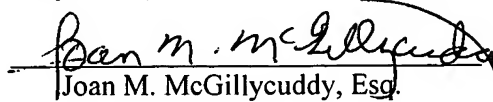
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4. Information Disclosure Statement by Applicant Form PTO/SB/08A (1 page) and PTO/SB/08B (3 pages) and copy of references and
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Date: 10/11/06

Respectfully submitted,


Joan M. McGillicuddy, Esq.
Reg. No. 35,608
AVON PRODUCTS, INC.
Avon Place
Suffern, New York 10901
Tel: 845-369-2113
Fax: 845-369-2900

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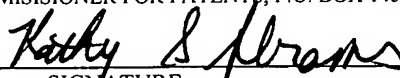
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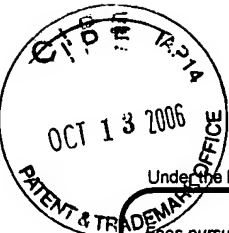
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PTO/SB/17 (01-06)

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
180.00

Complete if Known

Application Number	10/738,413
Filing Date	Decembert 17, 2003
First Named Inventor	Binetti, R.
Examiner Name	Bowman, Amy Hudson
Art Unit	1635
Attorney Docket No.	SC66U-US

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 50-3782 Deposit Account Name: Avon Products, Inc.

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FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims Extra Claims Fee (\$)

- 20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$)

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3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)

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4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): IDS

Fees Paid (\$)

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SUBMITTED BY

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Registration No.
(Attorney/Agent) 35,608

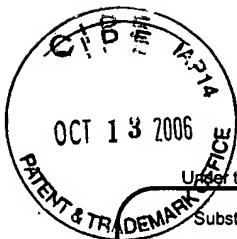
Telephone 845-369-2113

Name (Print/Type) Joan M. McGillycuddy

Date Oct. , 2006

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/738,413
Filing Date	December 17, 2003
First Named Inventor	Binetti, R.
Art Unit	1635
Examiner Name	Bowman, Amy Hudson
Attorney Docket Number	SC66U-US

Sheet 1 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,514,747	02-04-2003	Woychik et al.	
		US- 6,518,488	02-11-2003	Agarwal et al.	
		US- 6,531,647	03-11-2003	Baulcombe et al.	
		US- 5,146,846	09-15-1992	Lee et al.	
		US- 5,223,262	06-29-1993	Kim et al.	
		US- 4,820,724	04-11-1989	Nimni	
		US- 4,379,454	04-12-1983	Campbell et al.	
		US- 4,956,171	09-11-1990	Chang	
		US- 5,770,222	06-23-1998	Unger et al.	
		US- 4,224,179	09-23-1980	Schneider	
		US- 4,235,871	11-25-1980	Papahadjopoulos et al.	
		US- 5,847,003	12-08-1998	Ptchelintsev et al.	
		US- 6,069,169	05-30-2000	Ptchelintsev et al.	
		US- 5,932,229	08-03-1999	Ptchelintsev et al.	
		US- 5,834,513	11-10-1998	Ptchelintsev et al.	
		US- 6,573,050 B1	06-03-2003	Ben-David et al.	
		US- 2005/0255181	11-17-2005	Lee	
		US- 2006/0062865	03-23-2006	Illic et al.	
		US- 6,562,321 B2	05-13-2003	Ptchelintsev et al.	

FOREIGN PATENT DOCUMENTS

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		First Named Inventor	Binetti, R.
		Art Unit	1635
		Examiner Name	Bowman, Amy Hudson
Sheet 2	of 4	Attorney Docket Number	SC66U-US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BOONANUNTANASARN et al., Specific gene silencing using samll interfering RNAs in fish embroyos, 2003, Biochemical and Biophysical Research Communications, 310, page 1089-1095.	
		CAPLEN et al., dsRNA-mediated gene silencing in clutured Drosophila cells: a tissue culture model for the anlysis of RNA interference, 2000, Gene, 252, pages 95-105.	
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		HARTMANN et al., Hypopigmentary skin disorders: current treatment options and future directions, 2004, Drugs, 64(1), pages 89-107.	
		POLLARK, Andrew, Method of Turn Off Bad Genes Is Set for Tests on Human Eyes	
		VAN DE Water et al., Intravenously administered siRNA accumulates in the kidney, Am Soc for Pharm and Experimental Therapeutics, 2006.	
		XIE et al.,Harnessing in vivo siRNA delivery for drug discovery and therapeutic development, 2006,Drug Discovery Today, Vol 11, No. 1/2, pages 67-73.	
		ZIMMERMANN et al.,RNAi-mediated gene silencing in non-human primates, 2006, Nature Publishing Group, Vol 4414, pages 111-114.	
		MORRIS, Therapeutic potential of siRNA-mediated transcriptional gene silencing, April 2006, Therapeutic Applications of RNAi, page 7-13.	
		GAUR, RNA interference: a potential therapeutic tool for silencing splice isoforms liked to human diseases, April 2006, Therapeutic Applications of RNAi, page 15-22.	

Examiner Signature	Date Considered
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Sheet 3	of 4	Attorney Docket Number SC66U-US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ROSSI, RNAi as a treatment for HIV-1 infection, April 2006, Therapeutic Applications fo RNAi, pages 25-29.	
		RONDINONE, Therapeutic potential of RNAi in metabolic diseases, April 2006, Therapeutic Applications fo RNAi, pages 31-36.	
		BROWN et al., Toward silencing the burden of malaria: progress and prospects for RNAi-based approaches, April 2006, Therapeutic Applications fo RNAi, pages 38-44.	
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		PUSHPARAJ et al., Short interfering RNA (siRNA) as a novel therapeutic, 2006, Clinical and Experimental Pharm and Physiology ,33, p. 504-510.	
		DYKXHOORN et al., Running Interference: Prospects and Obstacles to Using Small Interfering RNAs as Small Molecule Drugs, 2006, Annu. Rev. Biomed. Eng., 8:15.1-15.26.	
		BRUMMELKAMP et al.,A System for Stable Expression of Short Interfering RNAs in Mammalian Cells, 2002, Science, 296: 550-553.	
		ELBASHIR et al., Effective expression of small interfering RNA in human cells, 2001, Nature, 411: 494-498.	
		PAUL et. al., Effective expression of small interfering RNA in human cells, 2002, Nature Biotech., 20:505-508.	
		HANNON, G., RNA interference, 2002, Nature, 418: 244-251.	

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		CAPLEN, et al., Specific inhibition of gene expression by samll double-stranded RNA in invertebrate and vertebrate systems, 2001, Proc Natl Acad Sci USA, 98:9742-9747.	
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		SHAFFER-KORTING M. et al., Liposome preparations: A step forward intopical drug therapy for skin disease?, 1989, J. Am. Acad. Dermatol., 21:1271-1275.	
		FLEISCHER et al., The combination of 2% 4-hydroxyanisole (Mequinol)...., J. Am Acad. Dermatol. 2000, vol 42(3): 459-467.	

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